

- 9 -

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:

1. Electrical equipment comprising a sealed chamber in which an electrical appliance is housed, and a multi-stage breather filter attached to the sealed chamber whereby in use heat generated by the electrical appliance causes air flow through the filter and also dries moisture collected by the filter.
- 10 2. The electrical equipment according to claim 1 wherein the multi-stage filter comprises a filter housing defining an airflow passageway, the passageway including successive filter stages defined by
  - 15 a) a porous membrane
  - b) activated carbon, and
  - c) silica gel.
- 20 3. The electrical equipment according to claim 2 wherein the passageway defines an air inlet at one end and an outlet at the other, the outlet being coupled to the electrical equipment.
- 25 4. The electrical equipment according to any one of claims 1 to 3 wherein the electrical appliance is a light element.
- 30 5. The electrical equipment according to any one of claims 2 to 4 wherein the porous membrane is fabricated from PTFE.
6. The electrical equipment according to claim 5 wherein the porous membrane is positioned adjacent the air inlet with the silica gel being positioned adjacent the outlet of the filter.